



Serial No. 09/811,666
SEC.807

RECEIVED
AUG 28 2002
TECHNOLOGY
#8/EBE
9/14/02
Lundberg

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent application of :
Ki-Whan Song : Group Art Unit 2811
Serial No. 09/811,666 : Examiner Nitin Parekh
Filed March 20, 2001 :

BALL GRID ARRAY PACKAGE SEMICONDUCTOR DEVICE HAVING
IMPROVED POWER LINE ROUTING

RESPONSE TO ELECTION/RESTRICTION

Honorable Commissioner For Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated July 2, 2002, Applicants elect the species of Embodiment I: Figs. 3A-5. The election is with traverse on the grounds that Embodiments III (Fig. 7) and IV (Fig. 8) are not mutually exclusive of the Embodiments I and II (Fig. 6), and therefore do not constitute "species" relative to Embodiments I and II. That is, Figs. 7 and 8 are examples of well structures to which the first power VDD and the second power GND of the BGA package of Embodiments I and II may be applied. Although Figs. 7 and 8 are mutually exclusive of each other, they are not mutually exclusive of Embodiments I and II.

Claims 1-4 and 11-15 read on the elected Embodiment I, and Claim 1 is generic to Embodiments I, III and IV. Dependent Claims 5-6 read on Embodiment IV and

dependent Claim 7 reads on Embodiment III, and accordingly, Claims 5-7 should be allowed upon the eventual allowance of Claim 1.

Respectfully submitted,

KI-WHAN SONG

By:



Adam C. Volentine
Reg. No. 33,289

August 28, 2002

VOLENTINE FRANCOS, PLLC
12200 Sunrise Valley Drive, Suite 150
Reston, VA 20191
(703) 715-0870